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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Waer et al.	Confirmation No.:	3570
Serial No.:	10/595,161	Art Unit:	2621
Filed:	March 10, 2006	Examiner:	Not Yet Assigned
Customer No.:	21559		
Title:	PTERIDINE DERIVATIVES FOR THE TREATMENT OF SEPTIC SHOCK AND TNF- α -RELATED DISEASES		

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Applicants submit the references listed on the enclosed Form PTO-1449, copies of which are enclosed, with the exception of U.S. patents and U.S. patent application publications.

Submission of this statement is not a representation that a search has been made, nor is the inclusion of information in this statement an admission that the information is material to patentability.

This statement is being filed before the receipt of a first Office action on the merits.

If there are any charges or any credits, please apply them to Deposit Account No. 03-2095.

Respectfully submitted,

Date: May 16, 2007

J Cooper McDonald
James D. DeCamp, Ph.D.
Reg. No. 43,580

Clark & Elbing LLP
101 Federal Street
Boston, MA 02110
Telephone: 617-428-0200
Facsimile: 617-428-7045

J. Cooper McDonald, Ph.D.
Reg. No. 52,011



Sheet 1 of 5

SUBSTITUTE FORM PTO-1449 (MODIFIED)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket No. Serial No. Applicant Filing Date Group IDS Filed	50304/114001 10/595,161 Waer et al. March 10, 2006 2621 May 16, 2007
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)			
(37 C.F.R. § 1.98(b))			

U.S. PATENT DOCUMENTS						
Examiner's Initials	Document Number	Publication/ Issue Date	Patentee or Applicant	Class	Subclass	Filing Date (If Appropriate)
	2003/236255	12-25-2003	Waer et al.			
	2,512,572	06-20-1950	Smith, Jr. et al.			
	2,581,889	01-08-1952	Timmis			
	2,665,275	01-05-1954	Campbell et al.			
	2,667,486	01-26-1954	Cain			
	2,740,784	04-03-1956	Sletzinger et al.			
	2,940,972	06-14-1960	Roch			
	3,071,587	01-01-1963	Curran			
	3,081,230	03-12-1963	Weinstock et al.			
	3,159,628	12-01-1964	Pachter et al.			
	3,475,425	10-1969	Roch, Joseph			
	3,859,287	01-07-1975	Parish et al.			
	5,665,772	09-09-1997	Cottens et al.			
	5,780,462	07-14-1998	Lee et al.			
	5,843,943	12-1-1998	Carson et al.			
	5,992,713	11-30-1999	Manabat			
	6,331,547	12-18-2001	Zhu et al.			
	6,440,991	08-27-2002	Zhu et al.			
	2006/0189620	8-24-2006	Waer et al.			
	2007/0043000	2-22-2007	Waer et al.			

EXAMINER	DATE CONSIDERED
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U.S. PATENT DOCUMENTS						
	2006/0287314	12-21-2006	Waer et al.			
	2007/0032477	02-08-2007	Waer et al.			
	6,946,465	09-20-2005	Waer et al.			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION						
Examiner's Initials	Document Number	Publication or Issue Date	Country or Patent Office	Class	Subclass	Translation (Yes/No)
	CH 231,852	07-17-1944	Switzerland			
	DE 19 21 308	01-07-1971	Germany			
	DE 40 09 941	10-02-1991	Germany			
	EP 0 108 890	05-23-1984	EPO			
	EP 0 134 922	03-27-1985	EPO			
	EP 0 185 259	06-25-1986	EPO			
	EP 0 956 855	11-17-1999	EPO			
	EP 1 479 682	11-24-2004	EPO			
	EP 0 574 906	12-22-1993	EPO			
	GB 2 405 793	03-16-2005	United Kingdom			
	GB 677,342	08-13-1952	United Kingdom			
	GB 763,044	12-05-1956	United Kingdom			
	GB 785,353	10-30-1957	United Kingdom			
	WO 00/45800	08-10-2000	WIPO			
	WO 01/19825	03-22-2001	WIPO			

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FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION						
	WO 94/11001	05-26-1994	WIPO			
	WO 94/06431	03-31-1994	WIPO			
	WO 95/31987	11-30-1995	WIPO			
	WO 95/32203	11-30-1995	WIPO			
	WO 98/04558	02-5-1998	WIPO			
	WO 98/08516	03-5-1998	WIPO			
	WO 98/52948	11-26-1998	WIPO			
	WO 04/104005	12-02-2004	WIPO			
	WO 05/021003	03-10-2005	WIPO			
	WO 05/039587	05-06-2005	WIPO			

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)	
	Baba et al., "Synergistic Antiviral Effects of Antiherpes Compounds and Human Leukocyte Interferon on Varicella-Zoster Virus in Vitro," <i>Antimicrob. Agents Chemother.</i> 25:515-517 (1984).
	Beilstein search, XP-002324247.
	Beilstein Database, <i>Beilstein Institute For Organic Chemistry</i> 28:1015-1020 (1992), XP-002296933.
	Beilstein Database, <i>Beilstein Institute For Organic Chemistry</i> 90:2631, 2633, 2635 (1957) XP-002296934.
	Beilstein Database, <i>Beilstein Institute For Organic Chemistry</i> 93:2668, 2671 (1960) XP-002296935.
	Beilstein Database, <i>Beilstein Institute For Organic Chemistry</i> 52:1403-1410 (2003) XP-002296936.
	Beilstein Database, <i>Beilstein Institute For Organic Chemistry</i> 41:781-788 (1995) XP-002296937.
	Beilstein Database, <i>Beilstein Institute For Organic Chemistry</i> 48:1255-1274 (1998) XP-002296938.
	Black et al., "Agents that Block TNF- α Synthesis or Activity," <i>Ann Rep. Med. Chem.</i> 32:241-250 (1997).
	Boon, "Pteridines. Part IV.* Derivatives of 2:4-Diaminopteridine and Related Compounds," <i>J. Chem. Soc.</i> 2146-2158 (1957).

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		(37 C.F.R. § 1.98(b))	

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	Cairo, "Immunology Lecture #20 Transplantation Immunology," <i>Columbia University, [online]</i> (2003).
	Chantry "Emerging Drugs: The Prospect for Improved Medicines," 1:5-13 (1999).
	Chou and Talalay, "Quantitative Analysis of Dose-Effect Relationships: The Combined Effects of Multiple Drugs or Enzyme Inhibitors," <i>Adv. Enzyme Regul.</i> 22:27-55 (1984).
	Cottam et al., "Substituted Xanthines, Pteridinediones and Related Compounds as Potential Anti-Inflammatory Agents. Synthesis and Biological Evaluation of Inhibitors of Tumor Necrosis Factor alpha.," <i>J. Med. Chem.</i> 39:2-9 (1996).
	Elion et al., "Antagonists of Nucleic Acid Derivatives. VIII. Synergism in Combinations of Biochemically Related Antimetabolites," <i>J. Biol. Chem.</i> 208:477-488 (1954).
	Elliott et al., "Synthesis of N-10-Methyl-4-Thiofolic Acid and Related Compounds," <i>Journal of Medicinal Chemistry</i> 18:492-496 (1975).
	Giori et al., "Reactivity of 3H-Pyrimido[5, 4-c] [1, 2, 5] Oxadiazin-3-one Towards Carbanions: Synthesis of Pteridine-2, 4-Diones," <i>J. Heterocyclic Chemistry</i> 23:1661-1665 (1986).
	Illei and Lipsky, "Novel, non-Antigen-Specific Therapeutic Approaches to Autoimmune/Inflammatory Diseases," <i>Current Opinion in Immunology</i> 12:712-718 (2000).
	Israel et al., "Pyrimidine Derivatives. VII. Some Condensed Derivatives of 2, 4, 5-Triamino-6-Methylthiopyrimidine," <i>Journal of Pharmaceutical Sciences</i> 54:1626-1632 1965.
	Kaldrikyan, M.A. et al., "Pteridine Derivatives. I. Synthesis of Some Substituted 6,7-Diarylpteridines," <i>Armyanskii Khimicheskii Zhurnal</i> 29:337-341 (1976) (abstract only)
	Landauer and Rydon, "A Convenient Synthesis of Some 4-Substituted 5-Aminopyrimidines," <i>J. Chem. Soc.</i> 3721-3722 (1953).
	Lin et al., "Use of the Methylxanthine Derivative A802715 in Transplantation Immunology, I. Strong in Vitro Inhibitory Effects on CD28-Costimulated T Cell Activities," <i>Transplantation</i> 63:1813-1819 (1997).
	Lin et al., "Use of the Methylxanthine Derivative A802715 in Transplantation Immunology, II. In Vivo Experiments," <i>Transplantation</i> 63:1734-1738 (1997).
	Merz et al., "Synthesis of 7-Benzylamino-6-chloro-2-piperazino-4-pyrrolidinopteridine and Novel Derivatives Free of Positional Isomers. Potent Inhibitors of cAMP-Specific Phosphodiesterase and of Malignant Tumor Cell Growth," <i>J. Med. Chem.</i> 41:4733-4743 (1998).
	Mohr et al., "Pteridines: Synthesis and Properties of 6-Thioxanthopterin and 7-Thioisoxanthopterin," <i>Helv. Chim. Acta</i> 75:2317-2326 (1992).

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(37 C.F.R. § 1.98(b))		

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Murata et al., "A Facile Method for Regioselective 6,7-Disubstitution of Pteridine," <i>Heterocycles</i> 53:1259-1262 (2000).
Pfleiderer and Lohrmann, "Pteridine, XII: Synthese von 2-Amino-4-Alkoxy-Pteridinen," <i>Chem. Ber.</i> 94:12-18 (1961).
Sato and Fukuya, "Studies on Pyrazines. Part 37. 'Synthesis of 6-Propionylpteridine-2,4 (1H,3H)-dione and its 1-and/or 3-Methyl Derivatives from Marine Natural Products,'" <i>J. Chem. Soc., Perkin Trans. 1</i> :89-95 (2000).
Spickett et al., "The Synthesis of Compounds With Potential Anti-Folic Acid Activity. Part I. 7-Amino- And 7-Hydroxy-Pteridines," <i>Journal of The chemical Society, Chemical Society. Letchworth</i> 2887-2891 (1954).
Weinstock et al., "Pteridines. XII. Structure-Activity Relationships of Some Pteridine Diuretics," <i>J. Med. Chem.</i> 11:573-579 (1968).
West, "Chapter 10 Solid Solutions: Solid State Chemistry and its Applications," <i>Wiley</i> 358 & 365 (1988).
Yao and Pfleiderer, "Pteridines. Protection of Pteridines", <i>Helvetica Chimica Acta</i> , 86:1-12 (2003).
Neilsen et al., "Unequivocal syntheses of 6-methyl- and 6-phenylisoxanthopterin" <i>J. Heterocyclic Chem.</i> , 24, 1621-1628 (1987)
Taghavi-Moghadam et al., "A new, general, and regioselective method for the synthesis of 2, 6-disubstituted 4-aminopteridines", <i>Tetrahedron Lett.</i> , 38 (39), 6835-6836 (1997)
Jackson et al., "6, 7-disubstituted 2, 4-diaminopteridines: novel inhibitors of <i>Pneumocystis carinii</i> and <i>Toxoplasma gondii</i> dihydrofolate reductase", <i>Antimicrobial Agents and Chemotherapy</i> , 40:1371-1375 (1996)
Magnus et al. "Neural stem cells in inflammatory CNS diseases: mechanisms and therapy" <i>J. Cell. Mol. Med.</i> 2005, 9:303-319.
Obach "Drug-drug interactions: an important negative attribute in drugs" <i>Drugs of Today</i> 2003, 39:301-338.
Cecil Textbook of Medicine, 20 th edition (1996), Section Five- Degenerative Diseases of the Nervous System, vol. 2, pp:2050-2057.
Cecil Textbook of Medicine, 20 th edition (1996), vol. 2, pp:1992-1996.
"FDA mulls drug to slow late-stage Alzheimer's" <i>cnn.com</i> 9/24/2003.
Wikipedia entries for Antihistamine, Autoimmunity, List of autoimmune diseases, Lupus erythematosus, and Sjogren's syndrome, printed from http://en.wikipedia.org on December 28, 2006.

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